

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

25X1

COUNTRY USSR (Sverdlovsk Oblast)

REPORT

SUBJECT Aluminum Plant in Krasnoturinsk

DATE DISTR. 6 November 1957

*cinder block plant (description  
and manpower)*

NO. PAGES 1

ENCLOSURE ATTACHED

REQUIREMENT NO. RD

DATE OF INFO.

REFERENCES

PLACE &amp; DATE ACQ.

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

A three-page report, sketch, and legend, giving information on an aluminum plant in Krasnoturinsk (N 59-49, E 60-15)

25X1

*11/22*  
*Please Evaluate*

(S)  
25 NOV 1957

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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Annotation to Sketch of Aluminum Plant in Krasnoturinsk

1. 3 new shops of the aluminum plant, construction of which allegedly started in 1954 and was completed at the end of 1955.
2. Electric power plant serving the aluminum plant.
3. Operating shops of the aluminum plant.
4. Plant stacks--some are allegedly 80, 150, and 200 meters high.
5. Central heating plant for the use of the aluminum plant and the town. No detailed information available.
6. Railroad station and coal unloading installations. Coal for plant needs arrives by rail from an unknown place.
7. 3 unidentified plant shops.
8. Bath house for free workers.
9. New reinforced concrete metal parts shop of the cinder block plant. The shop manufactures metal parts for the reinforced concrete. Building of this shop started in 1953. Manufacture of metal parts in this shop was begun in the spring of 1954. No other information.
10. Reinforced concrete shop of the cinder block plant. Manufacture of metal parts for reinforced concrete takes place here.
11. Cinder block plant. 3-story building. Cinder blocks 19 x 38 x 19 centimeters and 100 x 100 x 100 centimeters are manufactured out of a mixture of cement and cinders. There were 3 machines for the mechanical manufacture of small blocks where the mixing of cement, cinders, and water took place. The contents of cement and cinders in these blocks

[redacted] 25X1  
one to five. Block making machines: were 1 x 1 x 5 meters in size.

Two types of small cinder blocks were manufactured: hollow ones

[redacted] 25X1  
[redacted] and the plain ones [redacted]. Two machines manufactured the hollow ones, and one machine the plain ones. Cinders were received from various towns: Krasnoturinsk, Serov, Sverdlovsk, and Nizhni Tagil. This could be seen plainly from the labels on the railroad freight cars bringing cinders to the plant. Manufacture of large cinder blocks was done manually by pushing the prepared mixture into special forms made from wooden ~~mix~~ boards. The cement and cinders for the manufacture of the mixture were taken to the 3rd floor of the shop by a transporter. From the 3rd floor the cement and cinders were taken down to the second floor in small carts, where there were three mixing machines 0.8 x 1 x 1 1/2 meters in size. The prepared mixture of cement, cinders, and water from the mixers was poured into special hoses and sent to the first floor to the block manufacturing machines. Each block manufacturing machine could manufacture 2,000 to 2,500 blocks per eight hours. The manufacture of large blocks [redacted] 25X1 was allegedly of an experimental nature. No more than two or three blocks were manufactured daily. The entire production of this plant was utilized for building construction in Krasnoturinsk, Serov, and other cities.

12. Cinder storage and installations for the unloading of railroad cars.
  13. Railroad station.
  14. Railroad line to Sverdlovsk.
  15. Railroad line to Severo-Ural'sk.
  16. River--name unknown to Source.
- 6

Plants North of Krasnoturinsk

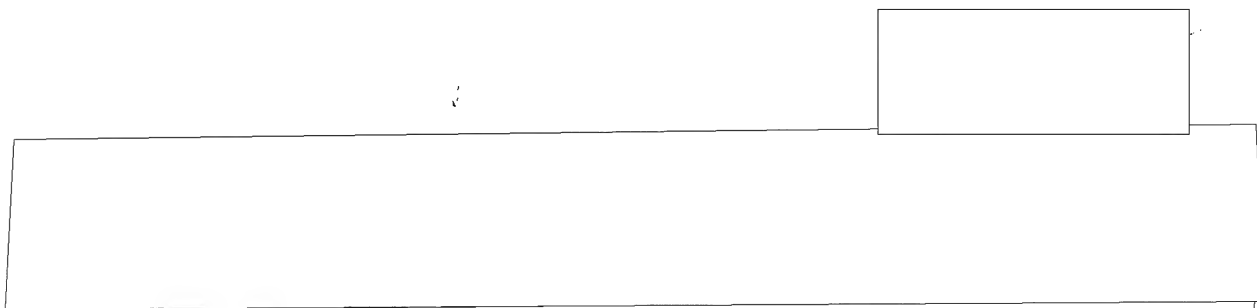
1. There were several plants located north of Krasnoturinsk, Sverdlovskaya Oblast, the largest of which was undoubtedly the aluminum plant

The plant operated on a 24-hour a day basis in three 8-hour shifts. The total number of workers employed was approximately 20,000. Half of the workers were camp prisoners and the other half consisted of former prisoners who had been freed but not permitted to leave the area.

2. Close to the aluminum plant in Krasnoturinsk there was a cinder block plant manufacturing bricks of a cement and cinder mixture for building construction purposes.

several shops manufacturing metal parts for reinforced concrete also belonged to this plant.

3. Description of the aluminum plant and cinder block plant is given on the attached sketch with its annotation.



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5.

[redacted] two connected buildings,

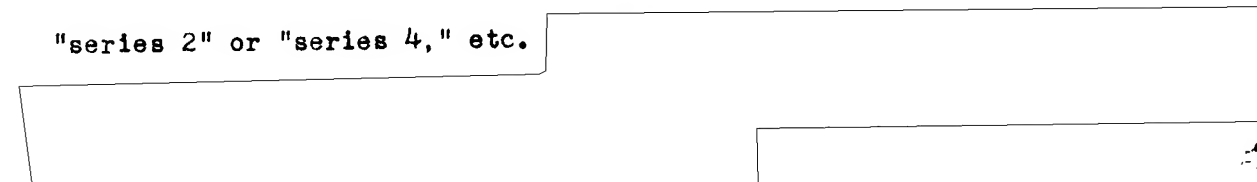
marked on the enclosed sketch as No. 1 and located between the road and building No. 3, were referred to by the prisoners as the "fifth series."

[redacted] this term [redacted] was used in the plant to indicate the consecutive development stages of the plant.

25X1

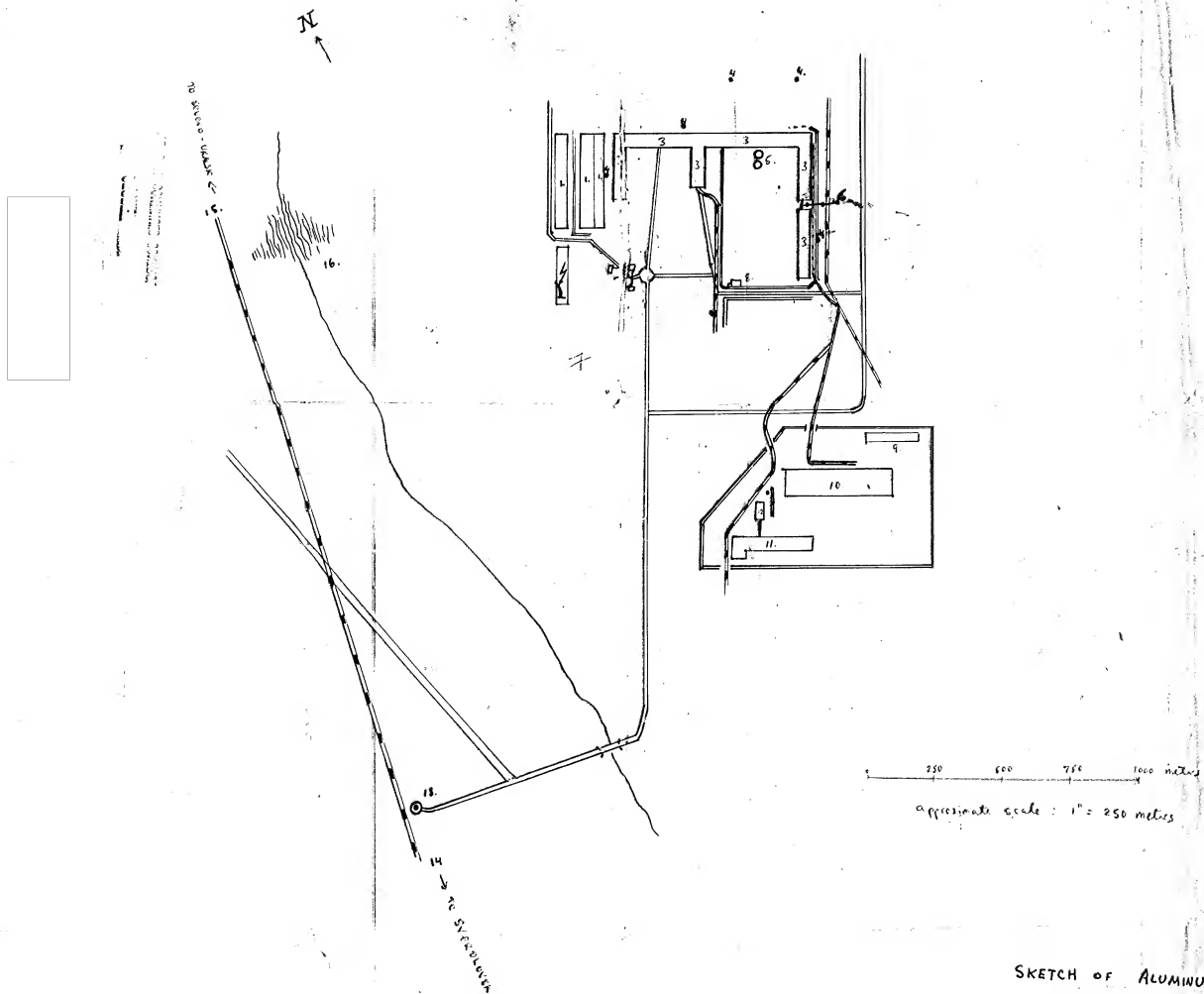
It would appear that the shops built when construction of the plant was launched were referred to as "series one." The shops built subsequently through the years were referred to as series two to series four. The latest shops were named series five. If this is true, it would be logical for all three buildings marked No. 1 on the sketch, construction of which started at the same time, to have been referred to as the "fifth series." However, this was not the case, and this term was used only in regard to the two previously mentioned buildings. The only explanation [redacted] in this regard was that the northwestern building No. 1 was separated from the other two by a high wooden board fence and, therefore, was probably not an organic part of the block. It is significant that in reference to the shops where they worked, the prisoners never mentioned any descriptive or other terms to designate them, but always the number of the series. The questions, "where do you go" or "Where did you work today" were always answered by "series 2" or "series 4," etc.

25X1



25X1

6.   25X1  
other plants and  
installations in and around Krasnoturinsk listed in the annotation of the  
Krasnoturinsk aluminum combine Bogoslovsk-Serov map, scale 1 to 25,000.



SKETCH OF ALUMINUM PLANT  
IN KRASNOTURINSK